

OPTICAL IMAGE RECORDING SYSTEM, AND ASSOCIATED PROCESSING SYSTEM

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5    ABSTRACT

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An optical image recording system for the electronic recording of optical information comprising a lens system (21,22,23) and a body (20); said body having a configuration with a low height (b) and with broad surfaces (201,202) through one of which surfaces said optical information is being received, and accommodating an image recording device (25) having a light sensitive area; wherein the lens system comprises: a front lens group (21) having a first optical axis (211); a back lens group (22) consisting of one or more lenses having a second optical axis (221); and a reflective element (23) folding the first optical axis (211) into the second optical axis (221) in an angle (a) of less than 180 degrees; and wherein said lens system is accommodated in said body; and

an optical image recording and processing system for the recording and processing of electrical signals of optical information and other information; said system comprising means for transferring and receiving electronic signals consisting of a pair of connector devices (1001,1301) having a databus interface, wherein one connector device (1001) of said pair of connector devices is accommodated in the optical image recording system for direct connection to the other of said pair of connector devices (1301) accommodated in the image processing system; particularly such a system which comprises guiding means (1004,1101) for guiding their mutual connection.